Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 11 Aug 2020 until 23:59 on Wednesday 12 Aug 2020

Forecast Issued on Monday 10 Aug 2020 at 14:37

Confidence: High confidence in the overall trend, but low confidence in the detail of heavy showers and thunderstorms.

Headline for Tuesday 11 Aug 2020: Sunny spells and scattered heavy showers and thunderstorms developing, especially during the afternoon and evening. Feeling very warm and humid too.

Mountain weather hazards on Tuesday 11 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
High Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain showers (night)	Cloudy	Sunny intervals	Sunny intervals	Heavy rain showers	Heavy rain showers	Heavy rain showers (night)
Precipitation probability							
40%	30%	10%	10%	20%	30%	40%	40%

Forecast for Tuesday 11 Aug 2020

Weather: Heavy showers and thunderstorms, or longer spells of rain will gradually clear away northwards shortly after midnight to leave mostly dry and cloudy conditions overnight and into Tuesday morning. It will be dry with bright or sunny spells developing Tuesday morning. Largely dry with warm sunny spells into the afternoon. However, there will be some scattered heavy showers and thunderstorms breaking out during the afternoon and into the evening. Possibly some longer spells of rain, heavy and thundery at times, moving up from the south during the evening and overnight. Feeling very warm and humid too.

Chance of cloud free mountain/hill tops above 600m: Generally 90-100% throughout, but 30-40% chance in the morning, with cloud bases down to 300-400m on eastern peaks and summits.

Visibility: Generally good or very good throughout. Poor in low cloud early morning. Moderate in heavy showers and thunderstorms during the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 11 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 E	13/17 E	11/14 E	10/13 E	9/13 SE	8/12 SE	6/9 SE	10/14 E	7/11 S
300	10/14 E	8/12 NE	7/10 NE	7/11 NE	6/10 E	6/10 S	4/6 NE	6/11 E	5/9 SE
Valley	14/25 E	10/18 E	7/14 E	5/10 SE	5/10 E	5/10 SE	3/7 E	7/13 E	4/9 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/14	17/14	17/15	18/17	21/21	22/22	22/22	20/19	19/18
300	18/16	18/17	17/17	20/20	24/24	25/26	24/26	22/22	20/21
Valley	18/16	18/16	18/18	21/22	25/26	26/28	25/26	22/22	20/21
Freezing Level*	3600m	3500m	3500m	3500m	3500m	3400m	3400m	3500m	3500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be high, therefore extra care will be needed if spending any length of time on the peaks in the strong sunshine. Lightning will be an additional hazard in thunderstorms during the afternoon and evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 09 Aug 2020	0mm	0mm	0mm

Forecast for Wednesday 12 Aug 2020

Weather: Cloudy, with heavy and thundery downpours overnight and into Wednesday morning. The showers are likely to ease during the morning, with bright or sunny spells developing. Into the afternoon, there is likely to be a mixture of sunny spells and scattered heavy showers and thunderstorms. Potential for slow-moving torrential downpours. Feeling very warm and humid too.

Maximum wind: Easterly 5-10mph.

Chance of cloud free mountain/hill tops above 600m: Generally 100% throughout, but 30-40% chance in the morning, with cloud bases down to 300-400m on eastern peaks and summits. Occasionally down to 500-600m in heavy showers and thunderstorms during the afternoon and evening.

Visibility: Generally good or very good throughout. Poor in low cloud early morning. Moderate or poor in heavy showers and thunderstorms during the afternoon.

Temperature: **Valleys:** Plus 19 Celsius, becoming Plus 27 Celsius.
At 600m: Plus 18 Celsius, becoming Plus 23 Celsius.
Freezing level: Above the summits.

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